AGE/SSD/SJR/000086/19-20 dt 13/06/19

M. A. R. 57 (Rule 116) **No. D**

Measurement Book

Serial No. 1st and final Bill 63292

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

Name of work : Construction and Improvements of culvert in - Ramesh road pipe line in Mallasandra ward No-13.

job code: 013-18-000108

AS No: EE/DD/AS/683/18-19 dt-28-2-2017

TS No: EE/DD/TS/601/18-19 dt-28-2-2017

work order: EE/DD/WO/338/18-19 dt-21-2-2019

Agency : Sri. M/s MKR Enterprises

Sanjay Nagara Bangalore-94

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MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8

Dismantling of Cement Concrete pavement by mechanical
board using pneumatic tools, breaking to pieces not exceeding
them in Volume etc. Complete as per specification.

for culverts – 2 × 2.30 × 0.60 × 0.80 = 2.40 m³
– 1 × 4.50 × 0.60 × 0.80 = 2.16 m³
4.56 m³ 1299.60

@ Rs = 285.00/m³ = 1305/- m

5/4/19

work Excavation by manual means in ordinary
olving in average horizontal throw up to 2m + average
to 1.50 mtr etc. Complete as per specification

M. A. R. 57 (Rule 116) No. D 6329
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc. of work	Dimensions: Number	Length	Breadth	Depth	Contents	Refer to Measu
1	2	3	4	5	6	7	
	for Drain						
	Vent-1 –	1	× 8.50	× 2.10	× 1.70 =	30.34 m³	
	Vent-2 –	1	× 7.60	× 2.10	× 1.70 =	27.13 m³	
	Barrel portion						
	–	1	× 4.40	× 2.10	× 1.80 2 =	15.84 m³	
	–	1	× 4.40	× 1.00	× 1.50 2 =	6.60 m³	
	D/s drain –	2	× 5.00	× 0.60	× 0.80 2 =	4.80 m³	
					Total =	84.71 m³	
				@ Rs =	115/m³ =	9741/-	

07/4/19

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MEASUREMENT BOOK

Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
2	3	4	5	6	7	8
ding and filling sand in foundation up to plinth to ed depth for sub soil treatment etc complete as per ction						
Vent-1 -	1	8.50	2.10	0.25	= 4.46 m³	
Vent-2 -	1	7.60	2.10	0.25	= 3.99 m³	
4/s Barrel -	12	2.50	1.00	0.21	= 0.53 m³	
Ltd to - 8.96					Total = 8.98 m³	20608:00
					@ Rs = 2300/m³ = 20654 - 00	
						9/4/19
ing and laying in position plain c.c of mix 8 with opc cement @ 180 kgs with coarse and ze gravel metal etc complete as per ction.						

M. A. R. 57 (Rule 116) No. D
Measurement Book

63294

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Vent-1 -	1	8.50	2.10	0.15	= 2.67 m³	
	Vent-2 -	1	7.60	2.10	0.15	= 2.39 m³	
	Batter Deck Slab for canal -	1	10.30+15.30 / 2	8.0	0.14	= 8.58 m³	8.84
						Total = 13.58 m³	13.90
						Ltd to → 13.58	
						@ Rs 5600/m³ = 76048 - 00	
							10/4
(5)	providing and laying in position cement concrete						
	concrete of design mix M-20 with opc cement @ 340 kgs						

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MEASUREMENT BOOK

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
2	Number 3	Length 4	Breadth 5	Depth 6	7	8
20 mm 4 d/s graded granite metal etc complete as specification						
RCC Raft –						
Vent-1-	1	8.50	1.80	0.30	= 4.59 m³	
Vent-2-	1	7.60	1.80	0.30	= 4.10 m³	
Side walls –	2	8.50	0.38	0.90	= 5.81 m²	12/4/19
–	2	7.60	0.40	0.90	= 5.47 m²	
4/s Barrel portion	2	3.50	2.00	0.30	= 4.20 m²	22/4/19
Deck slab –	1	8.50	1.80	0.30	= 4.59 m³	
–	1	7.60	1.80	0.30	= 4.10 m³	
14/4/19 Approach –	1	8.00	2.20	0.25	= 3.52 m³	
–	1	10.30	2.35	0.20	= 4.84 m³	

M. A. R. 57 (Rule 116) No. D
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

63295

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
1	2	Number 3	Length 4	Breadth 5	Depth 6	7	8
	Betn. Deck slab for road –	1	10.30 + 5.60 / 2	8.50	0.30	= 20.27 m³	
						Total = 61.49 m³	
						Qty limited to 60.71 m³	
	CRS = 6350/2 = 3855						
(8)	providing T.m.T. steel reinforcement for R.C.C. including straightening, cutting, bending, hooking in position lapping, tying with binding wire complete as per specification.						

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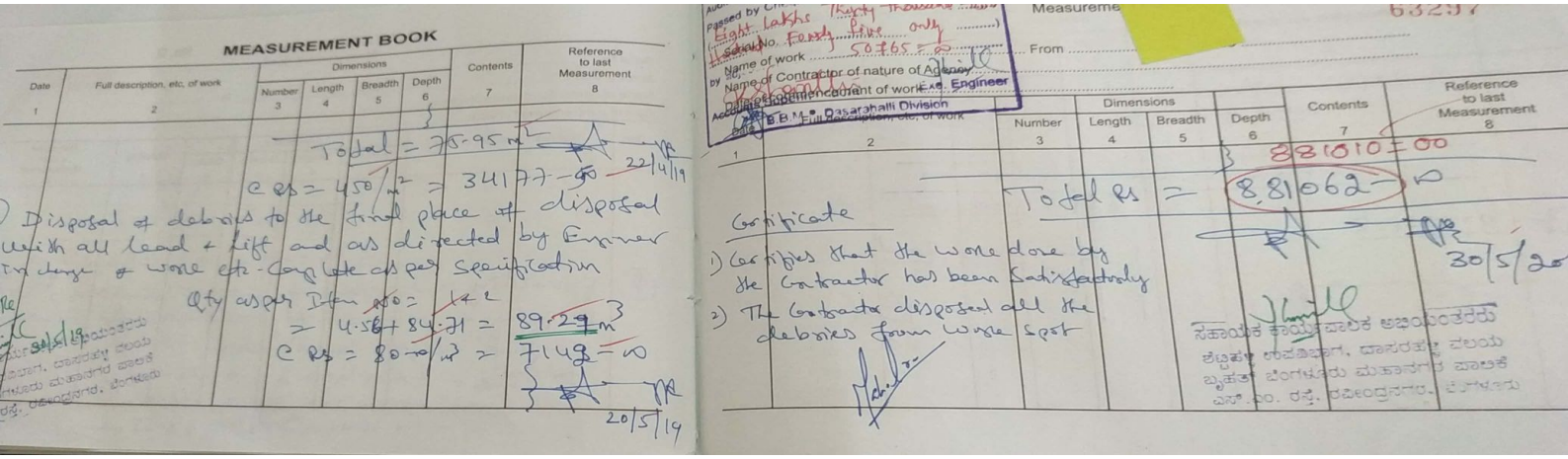

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
						Total = 75.95 m²	22/4/19
						@ Rs = 450/- /m² = 34177-50	
	1) Disposal of debris to the final place of disposal with all lead & lift and as directed by Engineer Inc charges of work etc. Complete as per Specification						
	Qty as per Item No: 14.2						
	= 4.56 + 84.71 =					89.29 m³	
	@ Rs = 80-00/m³ =					7149-00	
							20/5/19

Passed by C... Thirty Thousand ... Rupees
(Rupees Eight Lakhs Forty Five only)
Name of work ... Sch. No. 50765-00 ... From ...
Name of Contractor or nature of Agency ...
Date of Commencement of work ... Exd. Engineer
Date of Completion ... B.B.M.P. Dasarahalli Division

Measureme... 63297

Date	Full description, etc. of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
						881010-00	
	Total Rs =					8,81,062-00	
	Certificate						
	1) Certifies that the work done by the Contractor has been satisfactorily						
	2) The Contractor disposed all the debrises from work spot						
							30/5/20

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಲೆಟ್ಟಿಕೆಟ್ಟ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್. ಎಂ. ರಸ್ತೆ, ಮಲೇಶ್ವರಂ, ಬೆಂಗಳೂರು

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